

REMARKS

In the Office Action mailed December 28, 2005, claims 1-5, 7-13 and 15-18 were rejected under 35 U.S.C. 103(a) as being unpatentable over Lee (U.S. Patent No. 5,090,613)(previously cited) or Kurokuzuhara (JP 63-271845)(previously cited). The foregoing rejections are respectfully traversed.

Claims 3, 9 and 18 have been cancelled without prejudice and the feature therein have been incorporated in to independent claims 1, 7, 15 and 16, respectively. Claims 1, 2, 4-8, and 10-17 are currently pending and under consideration. Reconsideration is respectfully requested.

At page 3 of the Office Action, the Examiner admits that neither of the foregoing references, relied upon, discuss "wherein each of the vanes is plated with a brazing material, having a plating depth of about 2.25 μ m to 8 μ m, to be brazed to one or more of the anode cylinder, of the one or more strap rings and of the antenna," as recited in claim 1, for example. However, the Examiner asserts that it would be obvious to modify Lee or Kurokuzuhara to use "just enough of the brazing material for a good brazing process". The Applicant respectfully disagrees.

Further, the Applicant asserts that neither of these references discusses "each of the vanes is plated with a brazing material, having a plating depth of about 2.25 μ m to 8 μ m, to be brazed to one or more of the anode cylinder, of the one or more strap rings and of the antenna, and the brazing material is plated on joint portions of each of the vanes to which the anode cylinder, the one or more strap rings and the antenna are brazed," as recited in amended claim 1, for example.

Independent claims 7, 15 and 16 recite similar features as those of amended claim 1.

Instead, Lee discusses coating the entire surface of the vanes with a brazing material to join an anode cylinder, upper and lower strip rings and antenna lead contacting the vanes by the coated brazing material on the vanes (see Abstract and column 3, lines 9-11).

Kurokuzuhara discusses the vanes being plated with silver (see Abstract).

Again, dependent claims 2, 4-5, 8, 10-13 and 17 disclose patentably distinguishing features of their own. For example, claim 4 recites "the brazing material contains silver of 72 \pm 2% in a weight ratio of the brazing material with copper providing a remaining percentage thereof".

Therefore, the Applicant respectfully submits that Lee and Kurokuzuhara, individually, fail

to establish a prima facie case of obviousness over the present invention.

Withdrawal of the rejection is respectfully requested.

If there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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